



State of Hawai'i

Weekly COVID-19 Cluster Report

June 10, 2021



Summer is the season of **graduations, weddings, parties, and other large celebrations**. Holding celebrations outdoors lowers the risk of SARS-CoV-2 transmission, which helps prevent COVID-19 cases and clusters. For large gatherings outdoors, CDC recommends the following COVID-19 mitigation measures: masking when in crowds or when distancing is not possible, maintaining 6-feet of distance between non-household members when eating, not congregating in common areas, not attending the event if exhibiting symptoms, and full vaccination. [CDC Large Gathering Recommendations](#).

In May 2021, the Hawai'i State Department of Health investigated a **cluster of 10 COVID-19 cases associated with a high school post-graduation party** on Oahu. The party was attended by 15 friends and family members. Eight of 15 attendees tested positive for SARS-CoV-2, the virus that causes COVID-19 (attack rate: 53%). Two secondary cases among household contacts were also identified. All the party attendees with COVID-19 experienced mild to moderate symptoms, and no one was hospitalized. **The two family members who were fully vaccinated tested negative for SARS-CoV-2 and were asymptomatic.**

Schools have tried to minimize the transmission of COVID-19 during graduation ceremonies by implementing "drive-through graduations" to prevent large crowds from gathering. However, many families host graduation parties and events. This post-graduation party was held outdoors, as is recommended for large gatherings, but **most attendees were not vaccinated**, and attendees reported that **social distancing was not consistently practiced**.

In May 2021, the Hawai'i State Department of Health investigated **two clusters totaling 46 COVID-19 cases related to celebrations held at places of worship**. Thirty of 67 attendees tested positive for SARS-CoV-2 (attack rate: 45%). Sixteen secondary cases were also identified and epidemiologically linked to those who attended the events. Three of the attendees were hospitalized, and one required intensive care.

None of those in attendance reported being vaccinated, and masks and social distancing were not practiced during the celebrations. Many places of worship continue to follow mask and social distancing guidance during indoor religious services. However, celebrations held in conjunction with religious services often involve large gatherings and eating together. Eating precludes mask use; therefore, gatherings should be held outside with social distancing between family groups to decrease the risk of COVID-19 transmission.

Attending celebrations such as graduations and other large gatherings can increase the risk of exposure to COVID-19. Celebrations and gatherings are safest when all participants are vaccinated and everyone practices the recommended COVID-19 mitigation measures, including correct and consistent mask use indoors, in crowds outdoors, and social distancing. In May 2021, Hawai'i expanded COVID-19 vaccination to include children age 12 years and older.

Vaccination of all eligible individuals would have prevented these COVID-19 clusters.

Introduction to the State of Hawai'i Weekly COVID-19 Cluster Report

A disease cluster refers to multiple cases of a disease occurring at one time, in one geographic location, or among people with the same or similar shared exposures. Public health officials investigate and study disease clusters because they can provide important information about how diseases are transmitted between individuals and among groups of people; information which can then be used to identify risk factors, inform official recommendations, design interventions, and implement policies to prevent, mitigate, and stop the spread of that disease in communities.

In Hawai'i, COVID-19 clusters associated with community events, social gatherings, workplaces, and other settings have helped public health officials understand the specific settings where disease transmission is most likely to occur. As our state looks to modify current restrictions on businesses and activities implemented in response to the global COVID-19 pandemic, the Hawai'i State Department of Health is prioritizing not only investigating and analyzing local COVID-19 clusters, but also sharing current cluster information and disseminating key lessons learned to date.

It is important to note that most COVID-19 cases cannot be linked to a specific setting or cluster. Therefore, the total number of cases identified as associated with COVID-19 clusters in Hawai'i will be significantly lower than the overall total number of cases of COVID-19 identified within the State of Hawai'i. The tables below summarize COVID-19 clusters that have been identified through statewide case investigation and contact tracing efforts and are actively under investigation within the State of Hawai'i during the specified reporting week. The same cluster may be included in multiple reports from week to week if a new case has been identified within 14 days of the date the report was finalized.

Definitions for Terms Used in this Report

Because this weekly report focuses on clusters associated with non-household exposures, the definition of a **COVID-19 cluster** employed within this report is as follows:

Three (3) or more confirmed or probable cases of SARS-CoV-2 (the virus that causes COVID-19) linked to a particular site or event within one incubation period (14 days) *as long as those cases do not have outside exposure to each other* (i.e. they are not household members or close contacts outside the selected location).

****** This definition has been updated from two (2) or more confirmed or probable cases of SARS-CoV-2 to **three (3)** or more confirmed or probable cases of SARS-CoV-2 effective January 1, 2021. This change was made to reduce “noise” related to sporadic cases that may occur in the same setting, especially when community case rates are high, and is reflected in the county-specific tables beginning with the January 21, 2021 report. ******

Note: Identifying cases as part of a cluster does not necessarily imply that transmission has occurred in the site or at the event associated with the cluster.

Additional definitions for terms used within this report are outlined below.

Case	Both confirmed and probable cases of SARS-CoV-2 (the virus that causes COVID-19), including deaths.
Confirmed case	A case with confirmatory laboratory evidence.
Probable case	Refers to a case: <ul style="list-style-type: none"> • Meeting clinical criteria AND epidemiologic linkage with no confirmatory laboratory testing performed for SARS-CoV-2 <li style="text-align: center;">OR • Meeting presumptive laboratory evidence <li style="text-align: center;">OR • Meeting vital records criteria with no confirmatory laboratory evidence for SARS-CoV-2.
Cases associated with the primary setting	Refers to cases linked to a COVID-19 cluster that were directly exposed to the primary site or event.
Linked cases outside the primary setting	Refers to cases linked to a COVID-19 cluster that were NOT directly exposed to the primary site or event (for example, cases among household contacts of any cases associated with the primary setting).

Exposure Setting Categories

Exposure Setting Category ^a	Specific Settings Included in Category ^b
<i>Congregate Settings</i>	
Correctional Facilities	Jails, prisons, detention centers, correctional treatment centers / “sober living” centers, transitional correctional facilities or homes / “halfway houses”
Educational Settings	Preschools, K-12, and institutes of higher education, school-based athletics, after school programs
Shelters	Facilities providing short or long-term sheltering services for individuals and groups without access to permanent housing due to homelessness, disaster, emergency, violence, or other circumstances
<i>Food Service, Production, and Distribution</i>	
Bars & Nightclubs	Establishments that are principally engaged in the business of selling alcoholic beverages for onsite consumption
Food Suppliers	Grocery stores, other food distributors, manufacturers, warehouses, processors, farms, food pantries
Restaurants	Food service establishments offering either dine-in or take-out services, cafeterias, banquet facilities / private event facilities / private reception venues where food is served
<i>Occupational Settings</i>	
Construction & Industrial	Construction and industrial settings, including residential and non-residential construction sites, landscaping companies, shipyards, non-food manufacturers, industrial warehouses, and related sales and distribution centers
Other Occupational Settings	Offices, retail establishments, first responders
Travel, Lodging & Tourism	Domestic / international / interisland travel, lodging, cruise ships, other tourism
<i>Social and Recreational Activities</i>	
Social Gatherings	Parties, group gatherings, weddings, funerals, other social functions
Places of Worship	Religious services and other events / activities at places of worship
<p>^a COVID-19 clusters in long term care and other healthcare settings are summarized in the State of Hawai'i Weekly COVID-19 Clusters in Healthcare Settings Report. Additionally, a long-term care table is included in the Disease Outbreak Control Division COVID-19 Operations Report weekly on Wednesdays.</p> <p>^b Specific settings included in the reference table may not be exhaustive for the category.</p>	

COVID-19 Cluster Tables

City & County of Honolulu

COVID-19 Clusters Under Investigation in Last 14 Days by Exposure Setting

June 10, 2021

Exposure Category	Clusters (#)	Total Cases (#)	Cases Associated with Primary Setting (#)	Linked Cases Outside Primary Setting (#)
<i>Congregate Settings</i>				
<i>Correctional Facilities</i>	0	0	0	0
<i>Educational Settings</i>	0	0	0	0
<i>Shelters</i>	0	0	0	0
<i>Food Service, Production, and Distribution</i>				
<i>Bars & Nightclubs</i>	0	0	0	0
<i>Food Suppliers</i>	0	0	0	0
Restaurants	3	17	14	3
<i>Occupational Settings</i>				
<i>Construction & Industrial</i>	0	0	0	0
<i>Other Occupational Settings</i>	0	0	0	0
Travel, Lodging & Tourism	1	9	9	0
<i>Social and Recreational Activities</i>				
Social Gatherings	2	25	20	5
<i>Places of Worship</i>	0	0	0	0
<i>Gyms</i>	0	0	0	0
<i>Other</i>				
<i>Other</i>	0	0	0	0

Maui County**COVID-19 Clusters Under Investigation in Last 14 Days by Exposure Setting***June 10, 2021*

Exposure Category	Clusters (#)	Total Cases (#)	Cases Associated with Primary Setting (#)	Linked Cases Outside Primary Setting (#)
Congregate Settings				
<i>Correctional Facilities</i>	0	0	0	0
Educational Settings	1	4	3	1
<i>Shelters</i>	0	0	0	0
Food Service, Production, and Distribution				
<i>Bars & Nightclubs</i>	0	0	0	0
<i>Food Suppliers</i>	0	0	0	0
Restaurants	2	10	7	3
Occupational Settings				
<i>Construction & Industrial</i>	0	0	0	0
<i>Other Occupational Settings</i>	0	0	0	0
<i>Travel, Lodging & Tourism</i>	0	0	0	0
Social and Recreational Activities				
Social Gatherings	2	12	20	6
<i>Places of Worship</i>	0	0	0	0
<i>Gyms</i>	0	0	0	0
Other				
<i>Other</i>	0	0	0	0

Hawai'i County**COVID-19 Clusters Under Investigation in Last 14 Days by Exposure Setting***June 10, 2021*

Exposure Category	Clusters (#)	Total Cases (#)	Cases Associated with Primary Setting (#)	Linked Cases Outside Primary Setting (#)
<i>Congregate Settings</i>				
<i>Correctional Facilities</i>	<i>1</i>	<i>150</i>	<i>147</i>	<i>3</i>
<i>Educational Settings</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>Shelters</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>Food Service, Production, and Distribution</i>				
<i>Bars & Nightclubs</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>Food Suppliers</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>Restaurants</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>Occupational Settings</i>				
<i>Construction & Industrial</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>Other Occupational Settings</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>Travel, Lodging & Tourism</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>Social and Recreational Activities</i>				
<i>Social Gatherings</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>Places of Worship</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>Gyms</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>Other</i>				
<i>Other</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>

Kauai County

- **No COVID-19 Clusters Under Investigation in Last 14 Days** -

June 10, 2021